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## PART III—SECTION 2

### Notifications and Notices Issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 21st September 1957

#### CORRIGENDA

In the Gazette of India, Part III, Section 2, dated 24th August 1957—

In page 217, Column 2, under the heading "Applications Accepted"—

Against No. 56566—  
for "lead" read "head".

In page 219, Column 1, under the heading "Applications Accepted"—

Against No. 60071—  
for "N. V. Philips" read "N. V. Philips'".

In page 219, Column 1, under the heading "Opposition Proceedings"—

for "J. R. Geigy A.G." read "J. R. Geigy A.-G.".

In page 219, Column 2, under the heading "Renewal Fees Paid"—

for No. "500542" read No. "50542".

In the Gazette of India, Part III, Section 2, dated the 14th September 1957 under the heading "Applications Accepted"—

Against No. 56123—  
for "Vacuumtechnik-A.G." read "V A C Anstalt".

#### Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 5th September 1957

61645. Council of Scientific And Industrial Research. A new process for the manufacture of precast doubly-curved shell elements for roofs, floors and panel walls.

61646. "Shell" Research Limited. Method and lubricant compositions for metal rolling. (7th September 1956).

61647. N. V. De Bataafsche Petroleum Maatschappij. Means for the protection of underwater bottoms, provided with a flexible sheet substantially consisting of polyvinyl chloride or polyethylene, and a method of laying this means.

61648. Chas. Pfizer & Co., Inc. Antidiabetic agent and preparation.

61649. Siemens-Schuckert (Great Britain) Limited, S. Flax and B. J. Dixon. Improvements in or relating to box-like enclosures with removable covers. (17th October 1956).

61650. Siegener Eisenbahnbedarf Aktiengesellschaft. Improved railroad freight car construction.

61651. Svenska Aktiebolaget Bromsregulator. Improvements relating to railway brakes.

The 6th September 1957

61652. S. Ramanujam and A. Ramamurthy. Chlorinated products from Cashew Nut Shell liquid resins and polymerised Cashew Nut Shell liquid and its resins.

61653. Meopta Modrany. Motion Picture Camera.

61654. Meopta Modrany. Centrifugally controlled governor device, more particularly for motion picture camera.

61655. Dwijendra Nath Chaudhuri. Improvements in or relating to toys.

61656. The Indian Oxygen & Acetylene Company Private Limited. Apparatus for Electric Arc Erosion. (7th September 1956).

61657. The Indian Oxygen & Acetylene Company Private Limited. Evaporation of Liquefied Gases. (19th September 1956).

61658. British Telecommunications Research Limited. Improvements in and relating to radio signalling systems. (7th September 1956).

61659. Dr. E. Tchehrazl. A new or improved water closet.

61660. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to method of producing magnet cores having hysteresis loops which approach rectangularity.

61661. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of joining two metal parts in a vacuum-tight manner and object manufactured by the use of such methods.

The 7th September 1957

61662. S. R. Kishore. Process of preparation of transparent and water proof Polish.

61663. The English Electric Company Limited. Improvements in and relating to windings for pole changing A.C. Dynamo-Electric machines. (20th September 1956).

61664. The Associated Portland Cement Manufacturers Limited. Improvements in paints based on portland cement. (10th October 1956).

61665. The Associated Portland Cement Manufacturers Limited. Improvements in paints based on portland cement. (10th October 1956).

61666. Imperial Chemical Industries Limited and Standfast Dyers And Printers Limited. Improved Desizing process. (13th September 1956).

61667. H. Hefti. Process and apparatus for decorticating seeds by thermal treatment.

61668. C. Menon. Automatic cut-off connection for pneumatic tools.

The 9th September 1957

61669. Stoffel & Co. Continuous Bleaching Method.

61670. J. E. Kopp. Improvements in or relating to infinitely variable friction drive.
61671. Burn & Company Limited, D. R. Subramanian and Bijon Kumar Mukherjee. Refractory composition for Chrome-Magnesite Basic Refractories.
61672. Dunlop Rubber Company Limited. Braking system for railway vehicles. (11th September 1956).
61673. V. K. Paranjape. Production of fine zinc oxide or carbonate economically from flux skimmings. (A by-product of galvanising plants).
61674. T. Ramanujam. An improved oil lantern.
61675. Veb Maschinenfabrik Polysius. Cooler for dustlike materials.
61676. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Machine and process for the continuous production of flat laminates.
61677. Zelezarna Ravne. Lubricating Device for pneumatic tools.
61678. V. J. Emmanuel. Chloro-Suctionizer with injector.
61679. Ciba Limited. New dyestuffs of the anthraquinone series, their manufacture and use.
61680. Ciba Limited. Manufacture of bicyclic heterocycles.
61681. Ciba Limited. Manufacture of amines.
61682. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cylindrical ampules with adapter for injection cannulae.
61683. R. H. Windsor Limited. Improvements in and relating to injection moulding machines.
61684. R. H. Windsor Limited. Improvements in and relating to screw conveyors.
61685. Cable Belt Limited. Improvements in or relating to Cable Belt Conveyors.

*The 10th September 1957*

61686. P. D. Karapurkar. Improved Tri-Convertible chair.
61687. The Goodyear Tire & Rubber Company. Improvements in method and apparatus for filling tires with water.
61688. Texaco Development Corporation. Production of Ammonia Synthesis Feed Gas.
61689. Chas. Pfizer & Co., Inc. Antibiotic Compositions and Preparation thereof.
61690. Constock Liquid Methane Corporation. Containers for liquefied Hydrocarbon Gases and the like.
61691. Coal Industry (Patents) Limited. Improvements in or relating to the treatment of waste liquor or effluent. (19th September 1956). [Addition to No. 55674].
61692. The English Electric Company Limited. Improvements in and relating to hydraulic reaction turbines. (28th September 1956).
61693. Imperial Chemical Industries Limited. Methods of bonding titanium-base and like metals. (21st September 1956).
61694. R. D. Gorozpe. Quick-cooking whole-grain rice product and method and apparatus for producing same from broken rice.
61695. Howa Kogyo Kabushiki Kaisha (Known as Howa Machinery, Ltd.). Apparatus for the back motion of the cone drum belt in a flyer frame.
61696. Dipl.—Ing. Wilhelm D.E.G.E.N. Improvements in or relating to internal vibrators and method of operating the same.
61697. The British Drug Houses Limited. Improvements in or relating to Diethylphenylacetic Acid. (4th January 1956). [Divisional date 17th December 1956].
61698. Metropolitan-Vickers Electrical Company Limited. Improvements in and relating to the control of winder motors. (11th September 1956).
61699. Ciba Limited. New Monoazodyestuffs and processes for their manufacture and application.
61700. Ciba Limited. Process for the manufacture of oxygenated heterocycles.
61701. Ciba Limited. Method of temporary protection of reactive groups in industrial syntheses.

*The 11th September 1957*

61702. R. P. Ashthana. A new manner of generating power for lighting of railway trains.
61703. Chas. Pfizer & Co., Inc. Preparation of Steroid compounds.
61704. Chas. Pfizer & Co., Inc., Steroid Compounds and Preparation Thereof.
61705. Imperial Chemical Industries Limited. Fungicidal Compositions. (21st September 1956).
61706. Imperial Chemical Industries Limited. Fungicidal Compositions. (21st September 1956).
61707. The Goodyear Tire & Rubber Company. Improvements in elastomeric cellular material.
61708. The Goodyear Tire & Rubber Company. Improvements in treatment of polyurethane foam.
61709. The Keelavite Company Limited. Apparatus for forming the end of a pipe in making pipe connections.
61710. Commissariat A L'Energie Atomique. Improvements in radon detectors.
61711. Ste: Prosimacfi. Method of distributing and metering solid products for treating industrial liquids, and apparatus for carrying out this method.
61712. Metropolitan-Vickers Electrical Company Limited. Improvements relating to mechanical handling apparatus. (12th September 1956).
59413. The priority date 1st February 1956 has been Improvements relating to mechanical handling apparatus. (12th September 1956).

**Alteration of Date**

56516. Post dated to 9th May 1956 under Section 5 of the Act.
56789. The priority date 29th September 1955 has been altered to 20th September 1955.
57422. Post dated to 21st June 1956 under Section 5 of the Act.
59413. The priority date 1st February 1956 has been altered to 30th November 1956.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

56516. P. N. Mehta & Co. Improvements in or relating to means for treating natural and/or synthetic fibres with aqueous colloidal dispersions of silica. Accepted on 6th September 1957.

*Feeding silica dispersion and cold air into inner and outer concentric pipes respectively of a nozzle to be ejected as silica spray surrounded by air layer.*

56721. Maschinenfabrik Buckau R. Wolf A. G. Device for converting raw sugar mash into a pumpable matter. Accepted on 5th September 1957.

*Wherein mixing arms within the mixing chamber are rotatably mounted on a sleeve bearing fixed to the top cover of the sealed vessel.*

56745. American Cyanamid Company. Production of improved silica gel-type catalysts. Accepted on 7th September 1957.
- Acidifying aqueous alkali metal silicate solution at temperature of at least 60°C and impregnating the gel thus obtained with activating metal oxide.*
56760. J. Paar. Improvements in and relating to impedance bridge arrangement. Accepted on 9th September 1957.
- Frequency determining element connected to at least one bridge arm; at least one transistor, at least one electrode of which is connected to frequency determining element to form self-excited frequency generator; means for energising the generator to operate as powder supply for the bridge integral therewith.*
56768. The General Electric Company Limited. Improvements in or relating to the manufacture of metal articles from metal powders. (17th March 1955). Accepted on 7th September 1957.
- Metal powder is compressed in a mould formed of flexible elastic material, the mould being subjected to hydrostatic pressure applied through the porous walls of the container.*
56771. Carrier Corporation. Apparatus for and method of spirally winding a sheet metal ribbon about a tube to form a fin thereon. Accepted on 10th September 1957.
- Comprising in combination means for guiding a tube, means for directing a supply of sheet metal ribbon, means for engaging the ribbon, ribbon engaging means serving differentially to elongate the ribbon throughout the width.*
56778. The Bristol Aeroplane Company Limited. Improvements in or relating to combustion chambers for gas turbine engines. (16th March 1955). Accepted on 5th September 1957.
- Comprises an entry portion, a body portion and an outlet portion of inner double walled and outer wall structures diversing wear entry and conversing near outlet portion and fuel injecting means and means to create swirl.*
56789. Clayton Manufacturing Company. Improvements in or relating to fluid heating apparatus. (20th September 1955). Accepted on 10th September 1957.
- Comprising combustion chamber and tubular system of continuous rings on support with means activated by expansion of ring to operate fuel supply therefor.*
56817. Council of Scientific and Industrial Research. Improvements in or relating to compensators for transformers. Accepted on 10th September 1957.
- Compensator in combination with secondary compensator winding, phase shifting network, a cathode follower circuit and amplitude controlling circuit which is connected to output side of cathode follower circuit.*
56840. P. Weninger. Device such as stowable tent-like structure fitted to the roof of a vehicle. (19th March 1955). Accepted on 11th September 1957.
- Basic member secured to vehicle roof and frame members attached to basic member to be transported flat when unused but unfolded in cooperation with tent-awning in operative condition.*
56913. N. V. De Bataafsche Petroleum Maatschappij. Device for connecting two compressed gas reservoirs, one in use and the other in reserve enabling the said reservoirs to be changed over as required. Accepted on 9th September 1957.
- Two relief valves with different closing pressures connects the two reservoirs.*
56918. Electraulic Presses Limited. Control means for hydraulic presses. (30th March 1955). Accepted on 5th September 1957.
- Of the type in which the pressure liquid for the operating stroke and return stroke of the hydraulic press is directly supplied by hydraulic pumps without the interception of a hydraulic accumulator.*
56922. The Plessey Company Limited. Improvements in and relating to electronic apparatus and method of manufacturing such apparatus. (29th March 1955). Accepted on 5th September 1957.
- The method consisting in forming a sequence of connectors, assembling said connectors with parts arranged at intervals, locating circuit components with their conductive terminals arranged in at least two lines and connecting said parts to said terminals.*
56943. Hoover Limited. Improvements relating to carpet cleaning devices. Accepted on 5th September 1957.
- Including pairs of opposed jaws which may be guided to travel into and out of contact with the carpet and which are closed when adjacent the carpet to grip litter on it and pull it away from the carpet and subsequently opened at a point removed from the carpet.*
56974. Mela-Maschinenbau Und Reparatur Hanns Stinnes. Process and furnace for the melting of glass. Accepted on 9th September 1957.
- Wherein for purification molten glass is drawn apart to form heated film.*
56998. P. C. Mistry. Apparatus for preparing and serving hot drinks and the method thereof. Accepted on 7th September 1957.
- Comprising a plurality of chambers provided with heating means, a mixing means, a storage cup to hold the prepared drink, and a counting device to record the number of cups served.*
57028. E. Shipton & Company Limited. Improvements in or relating to extrusion machines particularly for the manufacture of bottles and other hollow articles from organic plastic materials. (12th April 1955). Accepted on 11th September 1957.
- By blowing an extruded tube of the material within a mould wherein length of the tube extruded is automatically controlled by measuring means.*
57041. "Shell" Research Limited. Improvements in and relating to lubricating compositions. (14th April 1955). [Addition to No. 47506]. Accepted on 11th September 1957.
- Comprising a mixture of a liquid ester, 2 to 50 per cent of a hydrocarbon lubricating oil and a salt of an aromatic carboxylic acid or of a phenol with a metal of Group II of the Periodic Table.*
57080. Westinghouse Brake & Signal Company Limited. Double wire mechanical control systems such as for example controlling railway points. (21st April 1955). Accepted on 11th September 1957.
- First and second control levers manually operable to operate a mechanism over same pair of transmission wires, locking means preventing operation of either of the levers unless the other control lever is in its normal unoperated position and a coupling device coupling the transmission wires to the mechanism such that throwing of either control lever operates the mechanism.*
57168. J. Favard. Method of manufacturing tubing from strip-steel wound into a helix and tubing obtained thereby. Accepted on 11th September 1957.
- Abutting edges of turns secured by covering the external or internal face of the edges with an extra thickness of metal and welding, the extra metal having sufficient width and thickness to constitute a helical rib forming a reinforcing ferrule around the tubing.*

57240. Westinghouse Brake & Signal Company Limited. Improvements relating to systems for the detection of railway track switches. (17th May 1955). Accepted on 9th September 1957.
- Each stock rail has a detector rod connected to it at a point adjacent the part against which the switch tongue abuts, relative movements between the rods adusing to open normally closed electric circuit.*
57335. Linotype and Machinery Limited. Improvements relating to Sheet-Feeding Apparatus for a Printing Press. (18th May 1955). Accepted on 11th September 1957.
- Characterised by a locking device for swinging gripping system, in inoperative position, having a stop element carried by the cross shaft and a plunger to engage the stop element.*
57422. M. K. Panjvani. An improved cycle horn. Accepted on 6th September 1957.
- Having hole in the centre, one face of circular hollow tube is provided with a slit opening and other is fitted with a T-shaped metal vibrator.*
57447. Stamicarbon N. V. Process and apparatus for separating mixtures of solid substances into fractions differing in specific gravity, by means of a separating suspension. Accepted on 10th September 1957.
- Supplying dilute suspension from rinsing screen after main separator tangentially to concave side of a screening deck removed in the direction of flow.*
57449. Rauma—Repola Oy. Scraper means arranged in connection with a strainer surface. Accepted on 9th September 1957.
- Consisting mainly in support means and a scraper blade mounted on the support means for movement in one direction for scaping a surface the scaper blade having a stepped portion leaving in the same direction of movement.*
57477. Chas. Pfizer & Co., Inc. Preparation of chloro-oleandomycin and salts thereof. Accepted on 5th September 1957.
- Cleandomycin is treated with HCl to obtain chloro-oleandomycin and if desired it is contacted with an acid.*
57480. Siemens & Halske Aktiengesellschaft. Communication cable system comprising a cable line and repeater stations interposed in said cable line. Accepted on 11th September 1957.
- Having combination of multiphase a.c. power source having phase conductors for energizing repeater stations through cable, power feeder means formed by selected group of communication leads, the group having as many insulated subgroups as power source has phases, each subgroup being connected to one of said respective phase conductors so that respective phase currents flow in mutually adjacent relation from the source through cable to said stations.*
57679. Texaco Development Corporation. A burner construction. Accepted on 5th September 1957.
- Including inner and outer conduits for conveying reactants at elevated temperatures, wherein the inner conduit is replaceable, and means is provided including an expansion joint having a bellows to compensate differential expansion between the conduits.*
57703. Olin Mathieson Chemical Corporation. Process for the microbiological conversion of steroids. Accepted on 5th September 1957.
- A steroid  $\Delta^4$ pregnane-17 $\alpha$ , 21-diol-3, 20-dione or 21-ester thereof is subjected to the action of the enzymes of fungi of the family tuberculariaceae in an aqueous nutrient medium.*
57728. The British Tabulating Machine Company Limited. Improvements in or relating to electronic pulse delay apparatus. (25th August 1955). Accepted on 9th September 1957.
- Consisting of a source of timing pulse, a pluse generator, and delay means.*
57743. J. D. Aucamp. Apparatus for making hollow cementitious articles and method of casting pipes or like hollow articles. Accepted 6th September 1957.
- Comprises oppositely displaced shutters, rotatably mounted core between them and means for rotating the core from cast pipe.*
57852. Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of thiophosphoric acid esters. (4th May 1956). Accepted on 5th September 1957.
- A  $\beta$ -halogenethyl sulphoxide or sulphone is reacted with a salt of a dialkylthiol or dialkylthionthiol-phosphoric acid.*
58022. Klockner-Humboldt-Deutz Aktiengesellschaft. A filtering device for purifying dust carrying gas, particularly hot gas of temperatures between 100° to 600°C. (29th June 1956). [Addition to No. 57532]. Accepted on 5th September 1957.
- Two or more filters are connected to a common supply tube, each filter consisting of a casing in which wires are arranged in a plane, shaking device for the wires, and flap gate at one end of the casing.*
58084. Sharp, Jones & Co. Limited and P. R. Deck. Improvements in pipes. Accepted on 11th September 1957.
- Internal layer of concrete and outer layer of synthetic resin bonded material.*
58101. "SHELL" Research Limited. An improved liquid fuel for internal combustion engines and an anti-knock mixture for use in such a fuel. (11th August 1955). Accepted on 10th September 1957.
- A motor fuel, a lead containing anti-knock agent and a boronic or borinic acid.*
58201. Slazengers Limited. Improvements in or relating to the manufacture of tennis balls. (23rd August 1955). Accepted on 9th September 1957.
- Cripping the surface fibres of cover material to provid a predetermined tread.*
58260. R. Clemens. An improved structure of aerofoil shape for use in aircraft. Accepted on 11th September 1957.
- Plastic load carrying spar supports metal outer skin, the space in between being filled with a cellular filler.*
58599. VDO Tachometer Werke Adolf Schindling GmbH. Adjustable double contact warning device for speedometers of the eddy current type. Accepted on 6th September 1957.
- A cam plate mounted on the eddy current bell presses an insulated cam point which closes one after the other two electrical contacts of which one lights warning bulb and the other operates audible signal device.*
58815. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of isoxazolidone compounds. Accepted on 5th September 1957.
- A substituted  $\alpha$ -aminoacid which is anionically substituted in the  $\beta$ -position is condensed with phosgene, the product is treated with hydroxylamine and the  $\alpha$ -aminohydroxamic acid is cyclised in the presence of basic agents.*
59000. F. Hoffmann-La Roche & Co. Aktiengesellschaft. 4-amino-3-isoxazolidone compounds and process for the manufacture thereof. Accepted on 5th September 1957.
- The compounds are prepared by treating a mixture of hydroxyl amine and an  $\alpha$ -amino- $\beta$ -halogeno-substituted or unsubstituted propionic ester with a strong base in the presence of water.*
59021. E. Correa. An Improved process for the gasification of Liquid Fuels, particularly Gasoline. Accepted on 11th September 1957.
- Comprising mixing gasoline and air in a carburettor, compressing it into a cylinder to gasify it and discharging the gas through a water seal.*

59043. National Research Development Corporation. Pesticidal coating compositions. (7th December 1955). Accepted on 5th September 1957.

*Coating composition comprising a synthetic resin, an organic solvent, a pesticidal substance and an etherified aminoplast resin.*

59100. Johannes Erhard H. Waldenmaier Erben Sueddeutsche Armaturenfabrik. Diaphragm for check valve and check valve including such diaphragm. Accepted on 5th September 1957.

*Consisting of a diaphragm of rubber or like material having one or more openings and its lower part being provided with a tongue which is more flexible than the remaining part of the diaphragm.*

59302. Imperial Chemical Industries Limited. Synthetic rubber-like materials. (20th January 1956). Accepted on 9th September 1957.

*Incorporating small quantity of formaldehyde or polymer thereof in product obtained by heating together of organic polyisocyanate and polymer obtained by heating organic diisocyanate and linear polyester as polyesteramide.*

59345. Automatic Telephone & Electric Company Limited. Improvements in monitoring arrangements used in electrical control systems. (21st January 1956). Accepted on 5th September 1957.

*Monitoring effected by connecting a meter across a temperature responsive resistance element.*

59413. Heenam & Proude Limited. Improvements in control apparatus for electrical couplings. (30th November 1956). Accepted on 6th September 1957.

*Having a rotating shaft and a d.c. field coil for varying the speed of the shaft, including a transistor.*

59601. Sheritt Gordon Mines Limited. Method of producing composite non-metallic metal powders. (10th April 1956). Accepted on 6th September 1957.

*A reducing gas is passed through an ammoniated solution containing solid, refractory, non-metallic particles in dispersed condition and a soluble compound of the group osmium, rhodium and the like metals.*

59629. Asta-Werke Aktiengesellschaft. New Salts of basic ethers of diphenyl ethinyl carbinols and the production thereof. Accepted on 6th September 1957.

*Benzophenone or a halogen or methyl substituted derivative thereof is reacted with acetylene and an alkali metal in liquid ammonia, the product is condensed with a tertiary halogenated base and the product is then converted into a salt.*

59633. Whiffen & Sons Limited. Expanded thermoplastic materials. (8th March 1956). Accepted on 9th September 1957.

*Thermoplastic material is heated with a blowing agent and a solvent under pressure to produce rigid expanded thermoplastic materials.*

59937. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to devices comprising a solid state image intensifier and solid-state image intensifiers intended for use in such devices. Accepted on 6th September 1957.

*Image intensifier comprises impedance elements which are not photo-sensitive, associated with electroluminescent elements and also with an electrode, the elements of each group of electroluminescent element which the associated elements being connected to one another and to the voltage source such that a group constitutes a differential circuit an electroluminescent element lying in central branch.*

60047. The Indian Oxygen & Acetylene Company Private Limited. Separation of Gases. Accepted on 11th September 1957.

*Cooling gas mixtures by heat exchange with at least one gaseous separation product and returning the purge gas obtained during change-over of heat exchanger into the separating system.*

60180. Inventa A. G. fur Forschung Und Patentverwertung. Process for the preparation of epsilon caprolactum from adipic diamide. Accepted on 5th September 1957.

*Reacting adipic diamide, ammonia hydrogen and a catalyst in liquid phase.*

60412. F. Trindler. Improvements in or relating to a method and apparatus for producing centrifugal castings. Accepted on 5th September 1957.

*Molten mass into rotating die formed by at least two die-parts arranged in independent bearings so as to be independently movable relative to each other and moving apart from each other the rotating die parts during the contraction of the casting in order to separate contracting casting at least at one point from die-wall.*

60417. S. P. R. L. De Wette Freres. Improvements in loom shuttles. Accepted on 6th September 1957.

*A cradle adapted to be fixed within the shuttle and to resiliently engage the periphery of the package.*

60429. Standard Telephones And Cables Limited. Improvements in or relating to automatic telecommunication exchanges. (13th July 1956). [Addition to No. 55531]. Accepted on 11th September 1957.

*In which co-ordinate multi-switches are mechanical cross-bar switches.*

60465. D. Napier & Son Limited. Cooled hollow turbine blades. (15th May 1956). Accepted on 10th September 1957.

*Cooling medium flows across the internal surface of the blade adjacent to the leading edge in a direction approximately transverse to the length of the blade.*

60536. Svenska Aeroplan Aktiebolaget. Improvements in and relating to hydraulic presses. Accepted on 5th September 1957.

*Hydraulic forming attachment arranged in the press head and the working plunger extends into pressure chamber formed in press head, in which chamber the working plunger when press head is locked, is arranged to be set under pressure fluid introduced into pressure chamber.*

60554. N. V. Onderzoekingsinstituut Research. A process for the manufacture of threads, fibres, films and like products from viscose. Accepted on 9th September 1957.

*Characterized in that viscose containing a compound of the formula  $H[O(CH_2CH_2O)_x - C]_y - (OCH_2CH_2)_y OH$  wherein  $X=2-100$ ,  $Y=2-25$   $R_1R_2$*

*and  $R_1$  and  $R_2$  is hydrogen or organic radical is spun in a bath whose acid concentration is so chosen that ratio between acid content in the bath and alkali content in viscose lies between 1.3 and 0.8.*

60571. The Indian Oxygen & Acetylene Company Private Limited. Treatment of molten ferrous metals. (22nd May 1956). Accepted on 9th September 1957.

*Passing powdered fluxing material through a flame and introducing heated fluxing material into molten metal.*

#### Patent Sealed

54994. 55489. 55540. 55541. 55640. 55694. 55695. 55781. 55795. 55804. 55925. 55954. 56037. 56059. 56060. 56151. 56153. 56239. 56288. 56298. 56308. 56314. 56325. 56372. 56386. 56521. 56524. 56739. 56785. 56814. 56900. 56901. 56902. 57002. 57026. 57392. 57427. 57433. 57443. 57444. 57625. 57706. 57717. 57817. 57842. 57854. 57860. 57973. 58052. 58107. 58108. 58142. 58152. 58388. 58442. 58536. 58642. 58677. 58798. 58830. 58937. 59001. 59161. 59521.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Sandoz A. G., Manufacturing Chemists, of Liehtstrasse 35, Basle, Switzerland, a Body Corporate organised according to the Laws of Switzerland seek leave to amend the description in the specification in respect of Patent No. 54977. Any person desirous of opposing the application for amendment should at any time within three months from the date of this

Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Mrs. Johanna Zakarias and Dr. Laszlo Zakarias, both British subjects, both residing at 7 Downside Road, Clifton, Bristol 8, England seek leave to amend the description and claims in the specification in respect of Patent application No. 55679. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that N. V. Philips' Gloeilampenfabrieken, a limited liability Company organized and established under the laws of the Kingdom of The Netherlands, carrying on business as Manufacturers at Emmasingel 29, Eindhoven, Holland, seek leave to amend the description in the specification in respect of patent application No. 56372. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Felt and Tarrant Manufacturing Company now re-named Comptometer Corporation, a Corporation organised under the Laws of the State of Illinois, United States of America, of 1735 N. Paulina Avenue, Chicago, Illinois, United States of America seek leave to amend the name of the Applicant in the application, specification and drawings in respect of Patent application No. 56426. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Application for Compulsory Licence under Section 22

Notice is hereby given that an application under Section 22 of the Indian Patents and Designs Act, 1911, has been filed by Messrs. B. K. Shaw Mantle Works, of 3, Beadon Street, Calcutta 6, West Bengal, in respect of Patent No. 48416 for an invention entitled "Improvements in or relating to incandescent mantle fittings". The applicants have been directed to serve copies of the application and of the evidence filed in support thereof upon the patentees and any other person appearing from the Register of to be interested in the patent. Any person desirous of opposing the said application shall within 2 months from the date of the service of a copy of the application upon him, give notice of opposition on Form 11C of the Indian Patents and Designs Rules, 1933, setting out fully the grounds on which the application is opposed. The notice shall be accompanied by evidence in support of the opposition. Copies of the notice and of the evidence shall within the same time be delivered to the applicants at their address for service, viz. Messrs. Srikar Pai & Co., 37, Manoharpukur Road, P. O. Rash Behari Avenue, Calcutta 29.

#### Renewal Fees Paid

26181. 26182. 26951. 27020. 27718. 27726. 27727. 28330. 28455. 29105. 30052. 33254. 33386. 33731. 35328. 35641. 35777. 35916. 35919. 36035. 37043. 37063. 38046. 38199. 38217. 38218. 38269. 38427. 38439. 38476. 38482. 38652. 38723. 38724. 38857. 40257. 40275. 40276. 40277. 40278. 40288. 40297. 40313. 40316. 40423. 40576. 41961. 41972. 42033. 42035. 42078. 42489. 43514. 43811.

43816. 43868. 43869. 43882. 44017. 44031. 44032. 44080. 44159. 44349. 44374. 45496. 45685. 45776. 45830. 45865. 45867. 45886. 45887. 45914. 46043. 46044. 46051. 46294. 46510. 46511. 47524. 48029. 48056. 48057. 48097. 48166. 48167. 48191. 48211. 48212. 48233. 48243. 48273. 48309. 48311. 48319. 48321. 48322. 48324. 48346. 48347. 48442. 48566. 48567. 50132. 50347. 50349. 50368. 50374. 50388. 50420. 50424. 50425. 50426. 50487. 50497. 50526. 50624. 50767. 50825. 52378. 52693. 52773. 52878.

#### Cessation of Patents

24001. 26482. 28838. 29552. 29616. 29654. 30920. 32469. 32480. 32485. 32491. 34745. 34747. 34803. 34816. 34819. 37317. 37334. 37395. 39649. 39653. 39666. 41305. 41318. 41363. 41364. 43048. 43049. 43051. 43069. 43070. 45086. 45091. 45139. 45140. 46583. 47073. 47112. 47113. 47115. 47136. 47138. 47143. 47164. 47188. 47192. 47194. 47209. 48176. 49358. 49365. 49371. 49372. 49379. 49392. 49419. 49422. 49426. 49443. 49444. 49446. 49449. 49453. 49460. 49463. 49464. 49475. 49476. 49480. 49533. 51551. 51591. 51650. 51697. 51713. 51752.

#### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:

47183—Jal Curshedji Guzdur.

The patent ceased on the 28th April 1956 owing to the non-payment of renewal fee within the prescribed time and cessation of patent was notified in Part III, Section 2 of the Gazette of India, dated the 11th August 1956. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta 17 on or before the 2nd November 1957.

(2)

Notice is hereby given that an order was made on the 4th September 1957 restoring the patent numbered 42324 dated as of the 30th November 1949 granted to Cyclomat Dominion Corporation Limited for "Improvements in or relating to cyclone disintegrators".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 90462. Lakshmiratan Cotton Mills Company Limited of Behari Niwas, Kanpur, Uttar Pradesh, India, an Indian company, "A loom picker", April 5, 1957.

Class 1. Nos. 90979 to 90983. Bayerische Motoren Werke Aktiengesellschaft (13b) Munchen 13, Lerchenauer Strasse 76, German Federal Republic, a German firm, "Motor cars", May 16, 1957.

Class 1. No. 91538. Norton & Company, 1—16, Baker Tiruvengada Mudali Street, Choolai, Madras 7, a partnership firm of which (1) Shri T. S. Shunmugam, (2) Shri S. Dorairaj and (3) Shri S. S. Krishnamurthi are the partners who are of the Indian Republic Nationality, "Type founts", July 10, 1957.

Class 1. Nos. 91740 and 91741. The Madras Type Foundry, Proprietors, The Estate of Late P. S. Udayar, Executors and Trustees: Srimati P. S. Dhanammal and Sri W. K. Udayar, 38, Jones Street, Madras 1, Indian concern, "Type faces", July 30, 1957.

Class 1. No. 91758. Les Ateliers de Construction Ventola, Societe Anonyme, a corporation organized under the Belgian Laws, of 155, Haut Chemin, Ghent, Belgium, "An apparatus for sucking up dust", August 1, 1957.

Class 3. No. 90463. Lakshmiratan Cotton Mills Company Limited of Behari Niwas, Kanpur, Uttar Pradesh, India, an Indian, Company, "A loom picker", April 5, 1957.

Class 3. No. 91421. Haji Nabibux Hasanali (An Indian partnership firm), partners:—(1) Hasanali son of Nabi Bux, (2) Insaf Ali son of Azam Ali of Pali (Post Office), Rajasthan, India, "A plastic churi or bangle" July 1, 1957.



- Class 3. Nos. 91649 to 91654. Bata Shoe Company Private Limited, of 30 Theatre Road, Calcutta 16, West Bengal, India, Footwear Manufacturers, a company incorporated under the Indian companies Act, "A sole for footwear", July 22, 1957.
- Class 3. No. 91690. Mazumder Bros. & Co., of 12 Jackson Lane Calcutta 1, Indian partnership firm, Partners Sankar Mazumder and F. Mazumder, "A plastic funnel", July 24, 1957.
- Class 3. No. 91759. Abdul Aziz Haji Ahmad, and Abu Baker Ahmed, Indian subjects, manufacturers and traders, Fancy Mahal, 5th Floor, 170, Mohamedali Road, Bombay 3, "Folding Chair", August 2, 1957.
- Class 4. No. 90194. Prakash Chandra Halder, No. 237, Roy Bahadur Road, Calcutta 33, Indian, "Coke ovens", March 9, 1957.
- Class 4. No. 91528. Ramchandra Govind Gupte, Sole Proprietor, Uday Industries, 109, Mugbhat Street, Bombay 4, Indian subject, "A glass bottle", July 6, 1957.
- Class 4. No. 91714. Delhi Food Products (Private) Ltd., Prithvi Mansion, Asaf Ali Road, New Delhi, Indian firm, "A bottle", July 26, 1957.
- Class 5. No. 90666. Moolraj Shamdas Mehta son of Shri Sham Dass of Indian Nationality, trading as Messrs. Punjab Soot Gola Factory, of Barry Market, Saddar Bazar, Delhi, "Cartoons", April 24, 1957.
- Class 5. No. 91745. Naraindass and Narasingdass both Hindus and Indian subjects and partners of Naraindass Narasingdass of 147 Cotton Street, Calcutta 7, "Label", July 30, 1957.
- Class 5. No. 91926. Vashdevmal Parsram, Proprietor, Golden Chemical Laboratories, Bapu Balvant Building, Kelewadi, 212, Girgaum Road, Bombay 4, Bombay State, India, an Indian citizen "A label", August 12, 1957.
- Class 6. No. 90464. Lakshmiratan Cotton Mills Company Limited, of Behari Niwas, Kanpur, Uttar Pradesh, India, an Indian Company, "A loom picker", April 5, 1957.
- Class 10. No. 91655. Bata Shoe Company Private Limited, of 30, Theatre Road, Calcutta 16, West Bengal, India, Footwear Manufacturers, a company incorporated under the Indian Companies Act, "A sole for footwear", July 22, 1957.
- Class 10. No. 91756. Bata Shoe Company Private Limited, of 30 Theatre Road, Calcutta 16, West Bengal, India, Footwear manufacturers, a company incorporated under the Indian Companies Act, "A sole for footwear", August 1, 1957.
- Class 10. No. 91757. Bata Shoe Company Private Limited, of 30 Theatre Road, Calcutta 16, West Bengal, India, Footwear manufacturers, a company incorporated under the Indian Companies Act, "A sole and heel for footwear", August 1, 1957.
- Class 13. No. 91761. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a company incorporated to India, "Textile piece goods", August 2, 1957.
- Class 13. No. 91778. H. A. Shah & Co. Partnership concern, whose partners are (1) Shri Shantilal H. Shah, (2) Shri Kantilal H. Shah, (3) Shri Vasantlal H. Shah, Indian, of Vasant Vijay Mills, "Vasant Vijay", 470-71 Worli Road, Bombay 18, (India), "Textile goods", August 5, 1957.
- Class 13. Nos. 91780 to 91788. Shree Shubhlaxmi Mills Ltd., an Indian firm situated at Station Road, Cam-bay, "Cotton piece goods", August 5, 1957.
- Class 13. Nos. 91802 to 91823 and 91825 to 91835 and 91854 to 91875. The Sarangpur Cotton Mfg. Co. Ltd., Outside Raipur Gate, Post Box No. 19, Ahmed-abad, Indian Company, "Textile goods", August 5, 1957.

**Copyright Extended for a Second Period of Five Years**  
Design No. 77692, Class 3.

#### **Cancellation of the Registration of Designs**

The application for cancellation of the Registration of Design No. 83472 made by Standard Calico Printing Mills as notified in Part III, Section 2, of the Gazette of India dated 7th July 1956 has been disallowed.

H. N. GHOSH  
Controller of Patents and Designs

